|  |  |  |
| --- | --- | --- |
| testable | control | independent |
| dependent | variable |  |

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable is what is being measured in your experiment. It changes when the independent variable changes.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variables are all the variables in your experiment that you want to remain constant. They come from the list of causes we brainstormed earlier.
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is what changes.
4. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ question is one that can be answered by designing and conducting an experiment.
5. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable is what the scientist changes. A good experiment has only one.
6. Write a testable question.

Does changing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ affect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

|  |
| --- |
| control |
| variable |
| testable |
| dependent |
| independent |

1. You can make an experiment for a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ question.
2. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is what **is affected**.
3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable is what **you change**.
4. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable is what **you measure**.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variables **don’t change**.

6. Write a testable question for ***plant growth*** and ***amount of light***

Does changing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ affect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?